WHAT IS CLAIMED IS:

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- 1. A power transmission belt, in particular for a motor vehicle and presenting at least V-ribs having flat side faces and rounded ridges, wherein said ridges present a convex curvilinear profile having a mean radius of curvature greater than 1 mm and less than or equal to 1.5 mm.
- 2. A belt according to claim 1, wherein said range of curvature lies in the range 1.05 mm to 1.45 mm.
 - 3. A belt according to claim 2, wherein said range of curvature lies in the range $1.1\ \mathrm{mm}$ to $1.3\ \mathrm{mm}$, and more particularly in the range $1.15\ \mathrm{mm}$ to $1.25\ \mathrm{mm}$.
- 4. A belt according to claim 1, wherein said curvilinear profile is a circle of radius equal to said radius of curvature.
- 5. A belt according to claim 1, wherein the length ℓ of the flat side faces measured between their connections with the bottoms of the teeth and with said ridges lies in the range 0.7 mm to 1.8 mm.
- 25 6. A belt according to claim 5, wherein the length ℓ lies in the range 0.8 mm to 1.7 mm.
 - 7. A belt according to claim 6, wherein the length ℓ lies substantially in the range 1 mm to 1.5 mm, and more particularly in the range 1.08 mm to 1.36 mm.
 - 8. A belt according to claim 1, wherein the height H of the ribs lies in the range $1.8\ \mathrm{mm}$ to $2.4\ \mathrm{mm}$.
- 9. A belt according to claim 8, wherein the height H of the ribs lies in the range 1.9 mm to 2.3 mm, and more particularly in the range 2 mm to 2.2 mm.

- 10. A belt according to claim 1, wherein the radius of curvature is substantially equal to 1.15 mm, wherein the rib height H is substantially equal to 2.2 mm, and wherein the length ℓ of the flat side faces is
- wherein the length ℓ of the flat side faces is substantially equal to 1.35 mm.
- 11. A belt according to claim 1, wherein the curvilinear profile is tangential to the side faces at its points of connection with said side faces.
 - 12. A belt according to claim 1, the belt being of the K type.
- 13. A belt according to claim 1, wherein the V-ribs are obtained by molding.
 - 14. A belt according to claim 1, wherein at least the ridges of the V-ribs are machined.